

PRO

GPB18V-3C | GPB18V-3SC



Safety instructions



Read all the safety and general instructions. Failure to observe the safety and

general instructions may result in electric shock, fire and/or serious injury.

Keep all the safety and general instructions for future reference.

- **Always check the radio before use. Stop using the radio if you discover any damage. Do not open the radio yourself, and have them repaired only by a qualified specialist using only original replacement parts.** Damaged radios increase the risk of electric shock.



Do not expose the radio to rain or wet conditions. Water entering the radio increases the risk of an electric shock.

- **Do not modify or open the battery.** There is a risk of short-circuiting.
- **In case of damage and improper use of the battery, vapours may be emitted. The battery can set alight or explode.** Ensure the area is well ventilated and seek medical attention should you experience any adverse effects. The vapours may irritate the respiratory system.
- **If used incorrectly or if the battery is damaged, flammable liquid may be ejected from the battery. Contact with this liquid should be avoided. If contact accidentally occurs, rinse off with water. If the liquid comes into contact with your eyes, seek additional medical attention.** Liquid ejected from the battery may cause irritation or burns.
- **The battery can be damaged by pointed objects such as nails or screwdrivers or by force applied externally.** An internal short circuit may occur, causing the battery to burn, smoke, explode or overheat.
- **When the battery is not in use, keep it away from paper clips, coins, keys, nails, screws or other small metal objects that could make a connection from one terminal to another.** A short circuit between the battery terminals may cause burns or a fire.
- **Only use the battery in the manufacturer's products.** This is the only way in which you can protect the battery against dangerous overload.
- **Only charge the batteries using chargers recommended by the manufacturer.** A charger that is suitable for one type of battery may pose a fire risk when used with a different battery.



Protect the battery against heat, e.g. against continuous intense sunlight, fire, dirt, water and moisture. There is a risk of explosion and short-circuiting.



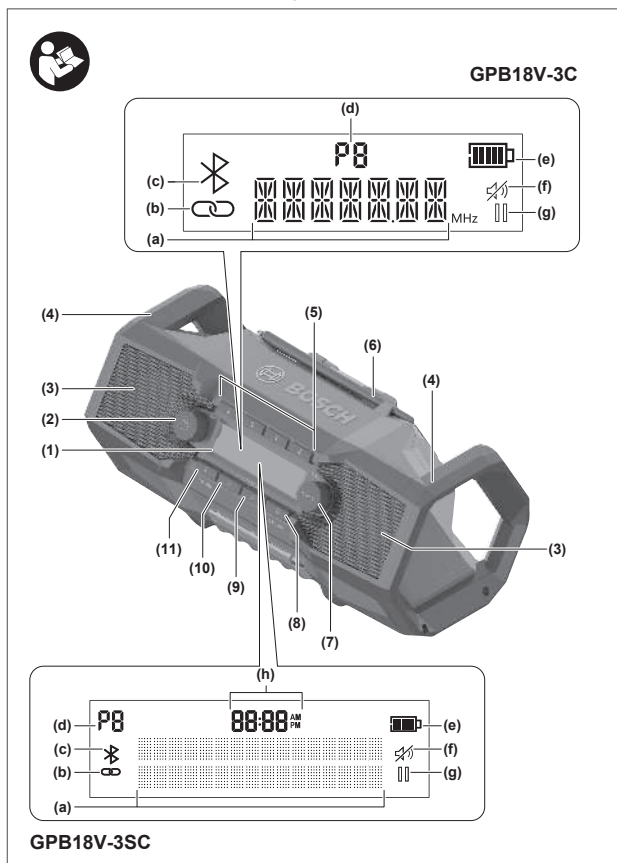
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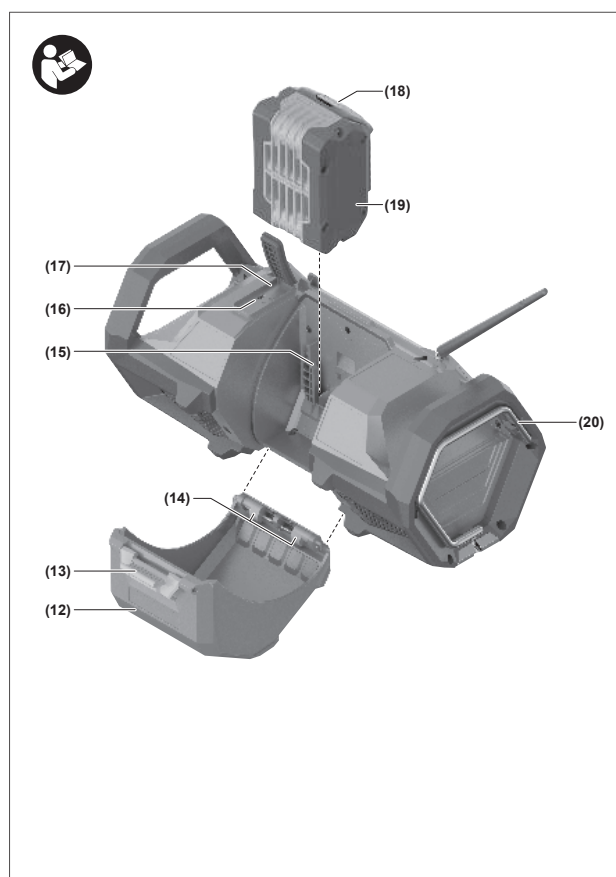
- **When using it for an extended period of time, set the radio to a medium volume.** A loud volume can cause hearing damage over an extended period of time.
- **Protect the radio against direct water contact.** Water entering the radio increases the risk of an electric shock.
- **Keep the battery compartment cover and the flap of the connector compartment closed if possible.** The closed flaps protect the radio against water and dust.

Product Description and Specifications

Product Features

The numbering of the product features refers to the representation of the radio in the figures.





- (1) Display
- (2) On/off button
- (3) Speaker
- (4) Carrying handle
- (5) Preset buttons

- (6) Rod antenna
- (7) SOURCE button
- (8) Mute button
- (9) Seek button (scan up)
- (10) Seek button (scan down)
- (11) Bluetooth® button
- (12) Battery compartment cover
- (13) Battery compartment cover locking lever
- (14) Battery compartment cover spring elements
- (15) Battery holder
- (16) USB Type-C® port^{A)}
- (17) Connector compartment
- (18) Battery release button^{B)}
- (19) Rechargeable battery^{B)}
- (20) Utility hook

A) USB Type-C® and USB-C® are trademarks of USB Implementers Forum.

B) **This accessory is not part of the standard scope of delivery.**

Display Elements

- (a) Multi-function indicator
- (b) Multi-Speaker Sound display
- (c) Bluetooth® indicator
- (d) Storage space indicator
- (e) Battery charge indicator
- (f) Mute indicator
- (g) Pause indicator
- (h) Time indication (GPB18V-3SC)

Technical Data

Construction site radio		GPB18V-3C	GPB18V-3SC
Article number		3 601 DA3 2..	3 601 DA3 3..
<i>Bluetooth®</i>			
– Operating frequency range	MHz	2402–2480	2402–2480
– Max. transmission power	mW	10	10
– Compatibility		Bluetooth® 5.4	Bluetooth® 5.4
Nominal output of amplifier	W	2 × 10	2 × 10
Reception range			
– FM	MHz	87.5–108	87.5–108
– DAB+	MHz	–	174.928–239.200
Max. charging current (powering external devices via USB Type-C®)	A	1.5	1.5
Weight ^{A)}	kg	2.1	2.1
Protection rating ^{B)}		IP54	IP54
Recommended ambient temperature during charging	°C	0 to +35	0 to +35
Permitted ambient temperature during operation ^{C)} and during storage	°C	–20 to +40	–20 to +40

Construction site radio		GPB18V-3C	GPB18V-3SC
Compatible rechargeable batteries		GBA18V... GBA 18V... ProCORE18V... EXPERT18V... EXBA18V... CORE18V...	GBA18V... GBA 18V... ProCORE18V... EXPERT18V... EXBA18V... CORE18V...
Recommended battery chargers		GAL18... GAL 18... GAL 36... GAL12V/18... GAL 12V/18... GAX 18... EXAL18...	GAL18... GAL 18... GAL 36... GAL12V/18... GAL 12V/18... GAX 18... EXAL18...

USB Type-C® power supply with Power Delivery (USB-PD, commercially available)

Output voltage	V	20	20
Minimum output current	A	2.25	2.25
Recommended output power for full functionality ^{D)}	W	45	45

A) Without rechargeable battery (you can find the battery weight at www.bosch-professional.com.)

B) When the battery compartment cover (12) and connector compartment (17) are closed

C) Limited performance at temperatures < 0 °C

D) If the power supply provides insufficient power, the radio will switch itself off.

Values can vary depending on the product, scope of application and environmental conditions. To find out more, visit www.bosch-professional.com/wac.

Energy supply

Energy can be supplied to the radio via a **Bosch** lithium-ion rechargeable battery (19) or via a commercially available USB Type-C® power supply with Power Delivery (USB-PD).

Operation with Battery Pack

Bosch sells radios without rechargeable batteries. You can tell whether a rechargeable battery is included with the radio by looking at the packaging.

- **Use only the chargers listed in the technical data.** Only these chargers are matched to the lithium-ion rechargeable battery of your radio.

i Lithium-ion rechargeable batteries are supplied partially charged according to international transport regulations. To ensure full rechargeable battery capacity, fully charge the rechargeable battery before using your tool for the first time.

Replacing a Rechargeable Battery

- » Disengage the locking lever (13) of the battery compartment cover and open the battery compartment cover (12).
- » Press the battery release button (18) and pull the rechargeable battery (19) out of the battery compartment.
Do not use force to do this.
- » Push the charged battery into the battery holder (15) until it clicks into place.
- » Close the battery compartment cover (12) and lock it.

To insert particularly large rechargeable batteries, the battery compartment cover (12) can be removed.

- » To do this, open the battery compartment cover (12).
- » Press the spring elements (14) of the attachment against each other and remove the battery cover.

i **Please note that, without the battery compartment cover, the rechargeable battery and battery compartment are no longer protected against moisture and dirt.** Reattach the battery cover as soon as you have removed the large rechargeable battery.

Battery charge indicator

When the rechargeable battery is inserted, you can see the state of charge of the battery (19) in the display. When the rechargeable battery is removed, you can see this on the battery itself.

Battery Charge Indicator on the Display

The battery charge indicator (e) will appear in the display as soon as a rechargeable battery with sufficient voltage is inserted and the radio is not connected to the mains supply via the power supply.

Display	Capacity
	80–100 %
	60–80 %
	40–60 %
	20–40 %
	5–20 %

Display	Capacity
	0–5 %

Battery Charge Indicator on the Rechargeable Battery

If the rechargeable battery is removed from the radio, its state of charge may be indicated by the green LEDs of the battery charge indicator on the rechargeable battery.

Press the button for the battery charge indicator or to show the state of charge.

If no LED lights up after pressing the button for the battery charge indicator, then the battery is defective and must be replaced.

Not all battery types have a battery charge indicator.

Rechargeable battery type GBA 18V... | GBA18V...



LED	Capacity
3 × continuous green light	60–100 %
2 × continuous green light	30–60 %
1 × continuous green light	5–30 %
1 × flashing green light	0–5 %

Battery model ProCORE18V... | EXPERT18V... | EXBA18V... | CORE18V...



LED	Capacity
5 × continuous green light	80–100 %
4 × continuous green light	60–80 %
3 × continuous green light	40–60 %
2 × continuous green light	20–40 %
1 × continuous green light	5–20 %
1 × flashing green light	0–5 %

Battery defect risk detection

EXPERT18V... | EXBA18V...

In addition to the state of charge of the rechargeable battery, the LEDs on the battery charge indicator can also indicate the risk of a battery defect.

To activate the function, press and hold the button for the battery charge indicator for 3 seconds. The analysis of the battery is signalled by a moving light on the battery charge indicator. The result of is shown on the battery charge indicator.



1 LED: The rechargeable battery has a high defect risk. Performance and

runtime may already be reduced. Replacing the rechargeable battery is recommended.



5 LEDs: The rechargeable battery is in good condition and has a low defect risk.

Please note: The rechargeable battery defect risk assessment works in a binary manner and offers a simplified status assessment, indicating either that the rechargeable battery is in good condition or that the rechargeable battery has an increased defect risk. A percentage of the battery status is not shown.

Recommendations for Optimal Handling of the Battery

Protect the battery against moisture and water.

Only store the battery within a temperature range of –20 to 50 °C. Do not leave the battery in your car in the summer, for example.

Occasionally clean the ventilation slots on the battery using a soft brush that is clean and dry.

A significantly reduced operating time after charging indicates that the battery has deteriorated and must be replaced.

Follow the instructions on correct disposal.

Operation with Power Supply

► **Pay attention to the mains voltage.** The voltage of the power source must match the voltage specified on the type plate of the power supply.

► **For mains operation, use only a USB Type-C® power supply with Power Delivery (USB-PD). Its output voltage, minimum output current and output power must comply with the requirements in the “Technical Data” section. Consult the operating instructions for the power supply.** Using different power supplies can damage the radio. If the power supply provides insufficient power, the radio will switch itself off.

» Open the flap covering the connector compartment **(17)**.

» Connect the power supply to the USB Type-C® port **(16)** of the radio via a suitable cable.

» Connect the power supply to the mains supply.

After removing the cable for the power supply, reattach the flap of the connector compartment **(17)** to protect against dirt/debris.

As soon as the radio is connected to the mains via the power supply (including if a rechargeable battery is inserted), energy will be supplied via the power supply.


Audio Operation

Switching On and Off

» Press the button to switch on the radio.

→ The display **(1)** is activated and the audio source that was set the last time the radio was switched off is played back.

The display **(1)** is illuminated for a few seconds each time a button is pressed.



- » Press the  button again to switch off the radio.
- The current setting of the audio source will be saved.

The radio switches off automatically after 19 min, if during this time:

- No connection can be established via *Bluetooth®*;
- No stream is found in playback via Multi-Speaker Sound;
- There is no playback via *Bluetooth®* or Multi-Speaker Sound (or playback is paused);
- The volume on the radio is set to 0;
- The radio is muted or
- The volume on the playback device (e.g. smartphone) is set to 0.

Adjusting the Volume




After the radio is switched on, the volume is always set to low.

- » Turn the  button clockwise to increase the volume.
- » Turn the  button anticlockwise to reduce the volume.
- The volume setting **<VL>** or **<Volume>** will appear on the multi-function indicator for a few seconds with a value between 0 and 16 **(a)**.

Before adjusting or changing a radio station, set the volume to a low setting; before starting an external audio source, set the volume to a medium setting.

The volume can be changed at any time. If the settings menu is activated, the display will return to the settings menu a few seconds after you have changed the volume.



To mute the radio:

- » Press the  button to switch off the sound.
- » To switch on the sound, either briefly press the  button again or turn the  button clockwise.

Selecting an Audio Source

- » Press the SOURCE button.
- » Turn the SOURCE button until the required audio source is shown on the display.
- » Press the SOURCE button to confirm the audio source.

The following audio sources are available:

- GPB18V-3SC: digital radio via DAB+ (**<DAB>** display on the **(a)** multi-function indicator)
- Analogue radio via FM (**<FM>** display on the **(a)** multi-function indicator)
- External audio source (e.g. Smartphone) via the *Bluetooth®* connection ( display)
- Playback via Multi-Speaker Sound ( display)



Set/save DAB+ radio stations (GPB18V-3SC)

- » Use the SOURCE button to select **<DAB>** as the audio source.
- After a short initialisation, the last set radio station will be played back.

The top line of the multi-function indicator **(a)** shows **<DAB>** and the name of the radio station, the bottom line shows the content transmitted by the station.

To change the radio station:

- » Turn the SOURCE button until the required station is shown on the display.
- » Press the SOURCE button to confirm the selection.
- The radio will switch to the selected station.

You can also press the  button or the  button to change stations. The radio will switch to the next available station (in alphabetical order, either descending or ascending).

To save radio stations:

- » Press the programme memory button **(5)** for the required storage space until the number of the storage space appears on the storage space indicator **(d)**.

To play saved radio stations:

- » Briefly press one of the programme memory buttons **(5)**.
- The number of the storage space will appear on the storage space indicator **(d)**.

Weak radio signal:

If the radio signal is weak, **<Weak Signal>** appears in the multi-function indicator **(a)**. In this case, you can manually start the DAB+ station search.

- » Press the  and  button (**AUTO SCAN**) simultaneously.

You can also start the station scan by selecting **<DAB Auto Scan>** (see "Changing Settings", page 8).

If no DAB+ radio station can be found, **<No Station found – Start Auto Scan>** appears in the multi-function indicator **(a)**.



Setting/Saving FM Radio Stations

- » Use the SOURCE button to select **<FM>** as the audio source.
- GPB18V-3C: **<FM>** and the frequency of the radio station appear on the multi-function indicator **(a)**.
- GPB18V-3SC: The top line of the multi-function indicator **(a)** shows **<FM>** and the name of the radio station, the bottom line shows the content transmitted by the station.

To set a specific station:

- » Turn the SOURCE button until the required frequency is shown on the display.

To search for the next station with high signal strength:

- » Press the  button or the  button.
 - The next station found is shown in the display and played back.

To save radio stations:

- » Press the programme memory button **(5)** for the required storage space until the number of the storage space appears on the storage space indicator **(d)**.


To play saved radio stations:

- » Briefly press one of the programme memory buttons **(5)**.
 - The number of the storage space will appear on the storage space indicator **(d)**.



Setting the Rod Antenna

The radio is supplied with a fitted rod antenna **(6)**. For radio operation, point the rod antenna in the direction that enables the best reception.


If the reception is insufficient, position the radio at a different location that enables better reception.

-  When operating the radio in the direct vicinity of radio-communication equipment or radio transceivers, or other electronic equipment, the radio reception can be subject to interference.

Playing Back External Audio Sources via Bluetooth®

- » Briefly press the  button to play back an audio source (e.g. smartphone) via *Bluetooth*®.
- The  indicator appears on the display.

Alternatively, you can select the *Bluetooth*® audio source using the SOURCE button.


As soon as an audio source is connected via *Bluetooth*®, the  indicator will light up continuously.

GPB18V-3SC: The top line of the multi-function indicator **(a)** shows the name of the device connected via *Bluetooth*®, the bottom line shows the content transmitted by the connected device.

To establish a new connection:

Start a search for a connection if no saved audio source is available or an available connection to an audio source via *Bluetooth*® needs to be ended and a new connection needs to be searched for.


- » Press the  button for longer than 0.5 s (**PAIRING**).

- During the connection search, the  indicator flashes. GPB18V-3SC: **<Pairing>** appears in the multi-function indicator **(a)**.



» Activate the new connection via the external audio source. For smartphones, activation is generally possible via the settings in the *Bluetooth*® menu. The radio appears as an available source under the name **GPB18V-3Cxxxx** or **GPB18V-3SCxxxx**.

Please observe the operating instructions for your audio source/smartphone.

To reconnect:

If the radio has already been connected to an external audio source (e.g. a smartphone) via *Bluetooth*® and if this audio source is available, a connection to this audio source will automatically be established. While the connection is being established, the  indicator flashes. GPB18V-3SC: **<Connecting>** appears in the multi-function indicator **(a)**.

If the saved audio source is unavailable, a search for a connection will start automatically after 2 min.



-  If no connection can be established via *Bluetooth*®, the radio will switch off automatically after 19 min.
- » Start playback via *Bluetooth*® on the audio source.
-  If one of the preset buttons **(5)** is pressed during operation via *Bluetooth*®, the radio will switch to the station that was saved in the last used radio operating mode.

Controlling External Audio Sources via Bluetooth®


The audio source connected via *Bluetooth*® can also be controlled via the radio.

-  Playback must first be started on the audio source.





To select the track:

- » Press the  button or the  button repeatedly to reach the required track.
- Playback of the selected track is started automatically.



To interrupt playback:

- » Press the  button.
- The pause indicator **(g)** will appear in the display.

To continue playback:


- » Press the  button again, change the volume using the  button or press the  button or the  button.



To fast-forward or rewind within a track:

- » Press and hold the  button or the  button to reach the required position in the track.

Playing External Audio Sources via Multi-Speaker Sound

Multi-Speaker Sound enables a streaming connection via *Bluetooth*® to any number of devices that support the same standard (e.g. GPB 18V-1 C, GPB 18V-6 C).

- » Use the SOURCE button to select Multi-Speaker Sound as the audio source.
 - The  indicator appears on the display.
 - GPB18V-3SC: The top line of the multi-function indicator **(a)** shows **<Multi-Speaker Sound>**.

If a Multi-Speaker Stream is available, a connection to this stream is established automatically. While the connection is being established, the  indicator flashes. If the connection is successfully established, the  indicator lights up continuously.

Start and control playback at the audio source.

The volume between the audio source and the radio will be synchronised (the audio source determines the volume) until the volume is changed on the radio. To restore the volume synchronisation, restart the connection via Multi-Speaker Sound.

- » To restart the connection, select the Multi-Speaker Sound audio source again using the SOURCE button.



(i) If one of the programme memory buttons **(5)** is pressed during playback of a stream, the radio switches to the station stored in the last radio mode used.

Transmitting the Current Playback via Multi-Speaker Sound



If an audio source is played back via *Bluetooth*®, this playback can be forwarded to other devices with the Multi-Speaker Sound function (e.g. GPB 18V-1 C, GPB 18V-6 C).

(i) The transmission of audio sources other than *Bluetooth*® via Multi-Speaker Sound is not possible.


GPB18V-3C:

- » To **start** the transmission via Multi-Speaker Stream, call up the settings menu at (see "Changing Settings", page 8).
- » Select **<MSS on>** (switch on Multi-Speaker Stream).
 - If playback is transmitted via Multi-Speaker Stream, the display shows the  indicator.
- » To **stop** the transmission via Multi-Speaker Stream, call up the settings menu.
- » Select **<MSS off>** (switch off Multi-Speaker Stream).
 - The  indicator lights up on the display.




GPB18V-3SC:

- » To **start** the transmission via Multi-Speaker Stream, call up the settings menu at (see "Changing Settings", page 8).
- » Select **<MSS Settings>** (Multi-Speaker Stream settings).
 - The multi-function indicator **(a)** shows **<Start Multi-Speaker Stream?>**.
- » Select **<Yes>** to start the stream.
- » Select **<No>** to exit the menu without starting a stream.
 - If playback is transmitted via Multi-Speaker Stream, the display shows the  indicator.
- » To **stop** the transmission via Multi-Speaker Stream, call up the settings menu.
- » Select **<MSS Settings>** (Multi-Speaker Stream settings).
 - The multi-function indicator **(a)** shows **<End Multi-Speaker Stream?>**.
- » Select **<Yes>** to stop the stream.
- » Select **<No>** to continue transmitting the stream.
 - If playback is ended via Multi-Speaker Stream, the display shows the  indicator.

Changing Settings

- » To access the settings menu, press and hold the  button (**SETTINGS**) until the menu options appear on the multi-function indicator **(a)**.

To navigate in menus:

- » Turn the SOURCE button to scroll through a menu or change a value.
- » Press the SOURCE button to select and save a menu setting (**OK**).
- » Press the SOURCE button to switch to a submenu.
- » Briefly press the  or the  button to switch from a submenu to a higher menu.
 - If the highest menu level has been reached, the radio returns to audio mode.
- » To exit the menu function at any level, press and hold the  button until the radio returns to audio mode.

If no button is pressed within a menu for 10 s, the radio returns to audio mode.

Menu Options (GPB18V-3C)

(i) The menu selection is partially dependent on the audio operating mode of the radio.

<EQ>

Sound menu: You can adjust the treble **<TR>** and the bass **<BA>** within a range of -5 to +5.

<MSS on>/<MSS off> (for *Bluetooth*® audio source)

Multi-Speaker Stream menu: You can start or stop the transmission of the current playback via Multi-Speaker Stream.

Menu Options (GPB18V-3SC)

- i** The menu selection is partially dependent on the audio operating mode of the radio.

Within the menus, the top line of the multi-function indicator **(a)** shows the name of the menu and the bottom line shows the setting that can be selected.

<Sound Settings>

Sound menu: You can adjust the treble **<Treble>** and the bass **<Bass>** within a range of -5 to +5.

<Time Settings> (for **<DAB>**/**<FM>** audio sources)

Time menu: You can choose between the 24-hour **<24 Hour Mode>** and 12-hour **<12 Hour Mode>** time formats.

- i** The time is only displayed if the radio station being played transmits the time.

<DAB Auto Scan> (with **<DAB>** audio source)

Automatic station search menu: You can start an automatic station search.

<MSS Settings> (for *Bluetooth*® audio source)

Multi-Speaker Stream menu: You can start or stop the transmission of the current playback via Multi-Speaker Stream.

<Device Info>

Device info menu: In the **<Version>** submenu, you will find the *Bluetooth*® name of the radio as well as the software and hardware version.

Power Supply of External Devices

Charging External Devices Via the USB Port

The USB Type-C® port can be used to charge devices that can be powered via USB (e.g. various mobile phones). The maximum charging current is **1.5 A**.

- » Open the flap covering the connector compartment **(17)**.
- » Using a corresponding USB cable, connect the USB port of the external device to the USB Type-C® port **(16)** of the radio.

- i** External devices can only be charged when the radio being operated by battery and is switched on.

- i** After removing the USB cable connector, reattach the flap of the connector compartment **(17)** to protect against dirt/debris.

Utility hook

Your radio is equipped with a utility hook **(20)** for hanging it up, for example, from a ladder. To do so, turn the utility hook to the required position.

Maintenance and Service

Maintenance and Cleaning

Keep the radio and power supply clean to ensure good, safe operation.

Wipe off any dirt using a damp, soft cloth. Do not use any detergents or solvents.

After-Sales Service and Application Service

Great Britain

Tel. Service: (0344) 7360109

In all correspondence and spare parts orders, please always include the 10-digit article number given on the nameplate of the product.

Transport

The recommended lithium-ion batteries are subject to legislation on the transport of dangerous goods. The user can transport the batteries by road without further requirements.

When the batteries are shipped by third parties (e.g. air transport or forwarding agency), special requirements on packaging and labelling (e.g. ADR regulations) must be met. A dangerous goods expert must be consulted when preparing the items for shipping.

Dispatch battery packs only when the housing is undamaged. Tape or mask off open contacts and pack up the battery in such a manner that it cannot move around in the packaging. Please also observe the possibility of more detailed national regulations.

Disposal

Radios, batteries, accessories and packaging should be sorted for environmentally friendly recycling.



Do not dispose of radios and batteries in household waste!

Only for EU countries and United Kingdom:

Electrical and electronic equipment or used batteries that are no longer suitable for use must be collected separately and disposed of in an environmentally friendly manner. Use the designated collection systems. Incorrect disposal may cause harmful effects on the environment and human health, due to the potential presence of hazardous substances.